

2017	Local Oscillator	September
	Local Oscillator	
Mesilla Valley Radio Club		

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Current Events			Table of Contents
Date	Event	Time	SEQP Club Meeting Minutes Board Minutes Treasurer Report Club Location Club Officers Membership Application
Sat	Informal at Cracker Barrel	6:00 AM	
M, W, F	Informal Wal-Mart (West)	10:00 AM	
Wed	MVRC Net 146.64	6:45 PM	
Sept 5	Builder's Group Club House	7PM	
Sept 2	Coffee Club House	8AM	
Sept 2	Business meeting Club House	8:45 AM	
Aug 31	Board Meeting Club House	7 PM	
Sept 12	Linux -SIG Club House	7 PM	
Sept 19	Builders Group Club House	7 PM	
Sept 26	Linux - SIG Club House	7 PM	
For more events see http://www.n5bl.org/calendar			



More information at <http://swantenna.com>



K5XY Operating in the SEQP from Glendo, WY

The Articles for This Month

SEQP

The Solar Eclipse QSO Party (SEQP) took place August 21 during the most watched total solar eclipse in the US. It offered an exceptional opportunity for radio amateurs to take part in a real scientific project. Hams all know that the sun affects radio propagation but there is lots unknown about how, when, and how much. A total eclipse essentially runs a black spot along the top of the ionosphere. How will the black spot effect the ionosphere? The effect will be small because the spot is small (on a global scale). The effect will be short lived because it moves quickly (faster than 2000 miles per hour). This problem is made to order for “big data”. The problem is to get lots of data.

That problem was the main reason behind the SEQP which was designed to put a lot of signals on the air from many locations. In addition to standard QSO party signals, some hams put QRSS and beacon sigs on the air. To be useful as many reports of activity as possible are being sent to a central location, where large computers will analyze the data to detect small changes.

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The local club was active in this project. At least six club members went to Wyoming or other places to see the total eclipse phenomenon. Here in Las Cruces QRSS and beacon stations were active. Shown in the photograph is K5XY operating from the middle of the path of totality in Glendo WY.

Monthly Club Meeting

Saturday 05 August 2017

Monthly Meeting of the Mesilla Valley Radio Club

MVRC clubhouse doors opened for coffee and donuts: 8 a.m.

Total Attendance: 33

New Members: Gregory Penn KG5UFL

Visitors: None

Meeting called to order: 8:45 a.m. by club president Sven Breden, *K5SHB*.
This month, we tried a new format and did the business meeting first.

Business Discussion/Reports Included:

Rob Truitt *KE5OFK* reported that the club's repeaters were all working normally. And, additional progress has been made with the Broad-Band Ham Net.

George Kopp *KD5OHA* reminded everyone of his Wednesday night net at 6:45 p.m., the Department of Health Net on the Mega-Link at 9:00 Friday mornings, and Derrick Jordon's 6-meter net on Monday evenings at 6:45. George also said that he'd need volunteers for an upcoming race in September. Please feel free to contact George about net or road race details.

MVRC's event coordinator, Earl Drexler *N5TMT* gave a Field Day report, i.e., they work for ~7.5 hours and made 650 contacts. Earl has selected 02 December as the date of our Christmas dinner at Golden Corral.

MVRC treasurer, Furman Smith *KF5KHL* gave us a monthly financial report and asked for volunteers to attend the meeting at the county office about our property taxes.

MVRC secretary, Howard Brewington *KJ5NJ*, reported that he'd been working on the 2017 roster. We currently have 101 members in good standing. Please feel free to contact Howard if mistakes or omissions are found in the roster.

Sven Breden reported that the MVRC had received a large donation of 6-meter radios and other hardware from new member Sunny Langham *N5PL*. Sven also said that he was rewriting the requirements for the club's annual scholarship.

Bob Rover *KB6DYM* showed the group a frequency chart that he created.

Tony Levatino *KC2RT* asked for volunteers to help with some antenna work after the meeting.

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The Monthly Presentation: Following the business meeting, club secretary, Howard Brewington KJ5NJ, gave an interesting presentation on metal detectors. His talk was well received.

MVRC Meeting adjourned: 10:00 a.m.

Meeting minutes recorded by Club Secretary: Howard Brewington *KJ5NJ*

Monthly Board Meeting

Thursday 03 August 2017

Board Meeting of the Mesilla Valley Radio Club

Meeting Location: MVRC clubhouse

Officers and Board Members Present:

Sven Breden (President) *K5SHB*, Howard Brewington (Secretary) *KJ5NJ*, Furman Smith (Treasurer) *KF5KHL*, Alex Burr *K5XY*, George Kopp *KD5OHA*, and Earl Drexler *N5TMT*.

Visitors/Guests Present: None

Meeting called to order: 7:04 p.m. by club president Sven Breden.

Business Discussion

Sven Breden said that we would try a new meeting date for the board meetings, i.e., we'd get together the Thursday before the club's monthly meeting. Sven wants to redo the requirements for MVRC's annual scholarship, and he would contact NMSU. Feel free to contact Sven for the updated scholarship details. Sven also mentioned that Sunny Langham had donated a large number of radios and other hardware as Bean Feed items.

Alex Burr asked about the status of the BBHN since grant money was being offered by Sun News. Earl volunteered to write the grant proposal.

Howard Brewington, club secretary, reported that we now have 100 members in good standing. He reminded the group that he would be doing the presentation at Saturday's club meeting. Howard also mentioned that he saw a black widow spider in the radio room. Furman Smith volunteered to spray the clubhouse.

Furman Smith passed out a profit and loss for the July. Furman also mentioned that we need tighter security on our storage building.

Earl Drexler gave a field day report of 650 contacts. Earl also said that our Field Day event was mentioned twice in the local newspaper.

George Kopp *KD5OHA* said that he would need volunteers for the upcoming road race in September. Contact George for details.

Sven Breden *K5SHB* suggested that we change the format of our monthly club

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meetings, i.e., do the business portion first. The business will start at 8:45 and run no later than 9:15. Then, the monthly presentation will start at 9:15 and run until 10:00, which would include the question & answer portion at the end. The board members agreed to give Sven's suggestion a try. Sven also brought up the club's property taxes; he plans to contact the county for an update.

Board Meeting adjourned: 8:07 pm

Meeting minutes recorded by Club Secretary: Howard J. Brewington

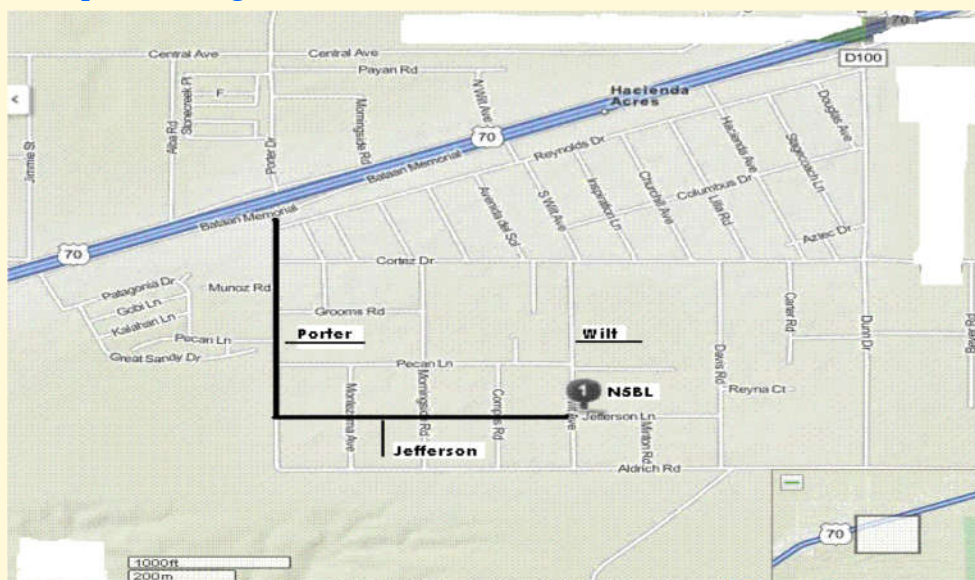
Board meetings are open to the entire membership; please feel free to join us.

Treasurer Report

July income	\$135.00
July expenses	\$532.21

CLUB INFORMATION

The MVRC Clubhouse is located at the intersection of Wilt and Jefferson. To find the clubhouse, set your destination on your GPS receiver as 32 degrees 22.961 minutes and -106 degrees 41.44 minutes. If you don't own a GPS, take the Porter exit near the firehouse on US 70. It is about 5 miles east from the I 25 interchange. Go south on Porter until you come to Jefferson. There turn left toward the mountains and go to Wilt. You will see the beam on the corner. The treasurer would be delighted to receive your contribution for landscaping and furnishing. More information at <http://n5bl.org>



Officers

Office	Name	Call	Phone	E-Mail
President	Sven Breden	K5SHB	655-0414	sven.breden@gmail.com
Secretary	Howard Brewington	KJ5NJ	575-496-8616	comet_brewington@msn.com
Treasurer	Furman Smith	KF5KHL	382-5982	smithf@zianet.com
Board Members				
Education	Cash Olsen	KD5SSJ	382-1917	kd5ssj@arrl.net
Clubhouse	Bob Bennett	AD5LJ	382-0148	rpbennett1@comcast.net
Newsletter	Alex. Burr	K5XY	522-2528	k5xy@arrl.net
Repeater	Robert Truitt	KE5OFK	649-4173	robhtruitt@zianet.com
Commo	George Kopp	KD5OHA	649-9503	geokd5oha@yahoo.com
Special	Earl Drexler	N5TMT	639-0556	earld7@yahoo.com

JOIN THE MESILLA VALLEY RADIO CLUB

Name(s) _____

EMAIL _____

If you want confirmation that your payment was received and processed, please include your email address

Street Address _____ PO Box# _____

City _____ Zip _____ Phone _____

To join the Mesilla Valley Radio Club or renew your membership, please complete this form and print or cut out. Send it to **"Treasurer, MVRC, PO Box 1443, Las Cruces, NM 88004"** with annual dues (\$35 single, \$45 family)

Date: _____ Method of payment: Check No. _____ Other _____

Call Sign(S) _____ Family Membership Yes _____ No _____

License Class (E, A, G, T, N) _____ ARRL Member? (Y/N) _____

Are You a ARRL Volunteer Examiner (Y/N) _____

Would you like to be added to the MVRC reflector (email information system)? _____

Interests

Computer _____ Contests _____ Digital _____ Elmer _____ Emergency Communications _____

Field Day _____ Packet _____ Programs _____ Public Service _____ Publicity _____ RFI _____

Repeater _____ Social _____ License Classes _____ Teach Licensing Classes _____

Volunteer Examiner _____ QRSS _____ Other _____

Comments